

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

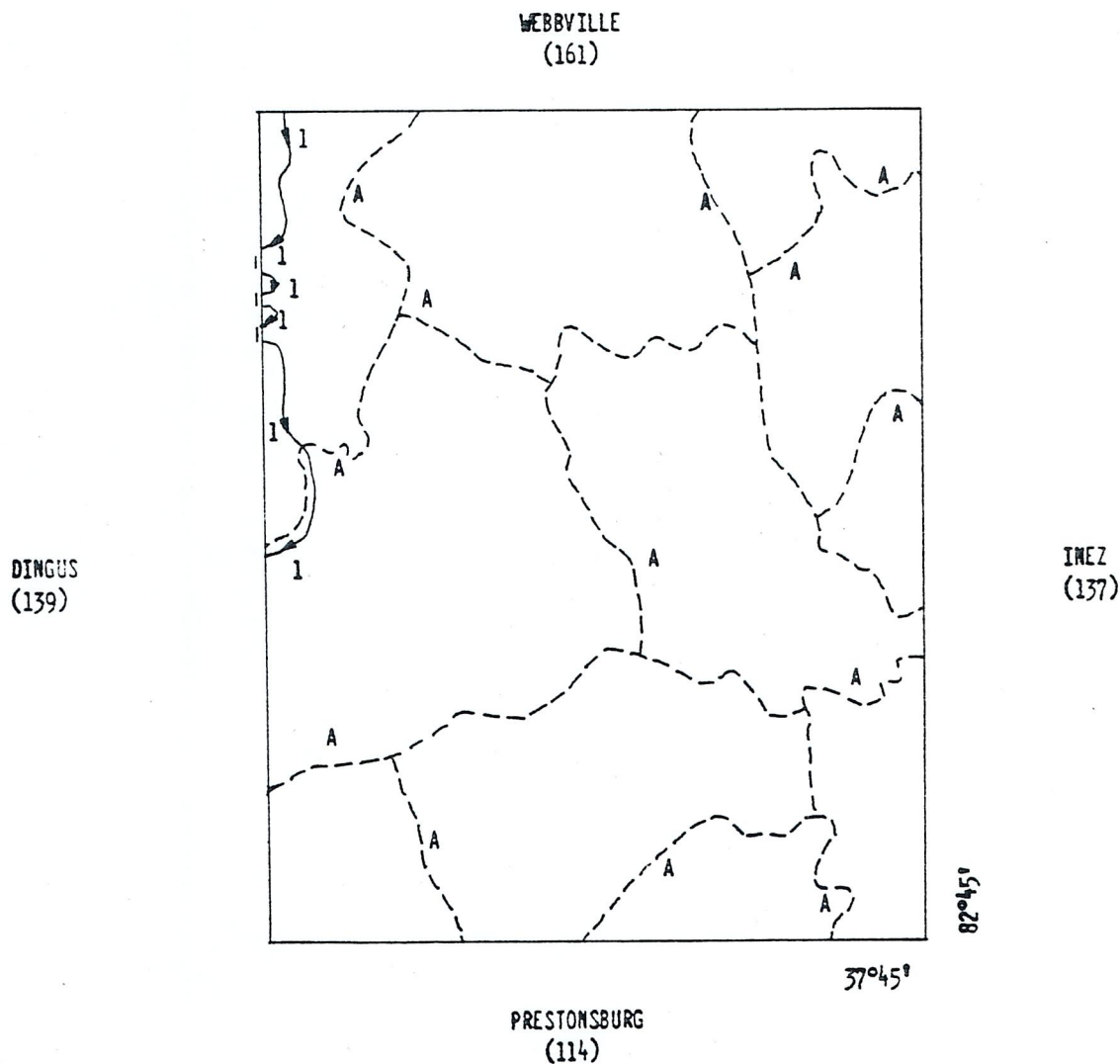
37-082-44
PAINTSVILLE QUADRANGLE
138 KENTUCKY
#3745-#8245/15
DIAGRAM NJ 17-7
JENKINS

Floyd, Johnson, Lawrence
Magoffin and Morgan Counties

Final adjustment of 1950

Edition of 2/18/75

PR: WSM/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370824

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ISOLATED BENCH MARKS (By S. R. Archer, 1915; Books A 9639, 9662 and A 8260)

Feet

Buffalo, 1.0 mi NW. of station; 120 ft W. of private crossing; 40 ft W. of track; 15 ft W. of 10-in. walnut tree; at fence corner; on iron post; standard cap stamped "610" (Not found, 1953)	610.221
Paintsville, 0.6 mi N. of Chesapeake and Ohio Ry. station, on E. side of RR., N. side of rd. crossing, at foot of warning post; standard iron post with bronze cap stamped "616" (Tied by MGS, 1935) (Not found, 1953)	615.908
Stafford, 1.0 mi SE. of station; 0.2 mi N. of Miller Creek platform; 60 ft W. of track on W. side of RR. right-of-way line; at rd. crossing; standard iron post with bronze cap stamped "620" (Recovered by MGS, 1935) (Not found, 1953)	620.612
Charley, 3.6 mi SW. of; at NE. corner of blacksmith shop; 150 ft SE. of house; 60 ft E. of small store; 30 ft E. of small stream; on fenceline S. side of public rd.; at residence of W. Hays; standard iron post with bronze cap stamped "703"	702.937
Denver; at NE. corner of store building belonging to M. E. Spragling; 80 ft W. of RR. crossing; in sandstone post; standard tablet stamped "KY 624"	623.563
Paintsville, 2.4 mi NW. of; at mouth of Jenny Creek and Rule, or Tays Branch; 150 ft E. of rd. forks; 300 ft N. of house of Dan Davis; on N. side of, and 3.5 ft higher than rd.; in sandstone cliff outcrop; standard tablet stamped "KY 630" (Not found, 1953)	629.824
Paintsville; at W. end of N. side of Johnson County courthouse; in face of stone foundation; standard tablet stamped "614 KY" (Destroyed, 1962)	614.523
Staffordsville, 0.7 mi W. of post office; at rd. forks and steel hwy. bridge over Paint Creek; just below mouth of Barnetts Creek; in top of N. end of E. concrete abutment of hwy. bridge; standard tablet stamped "633 KY"	633.086
Staffordsville, 3.9 mi NW. of post office; 0.2 mi NE. of rd. forks; at rd. W. leading to ford of Paint Creek, Fish Trap Church, and Calvin Branch; at top of bluff; 75 ft N. of residence of Daniel Le Masters standing on N. side of rd.; in top of large sandstone outcrop level with ground; standard tablet stamped "832 KY"	832.681
Fuget, 0.1 mi E. of post office; at forks on Spice Lick Branch rd.; rd. NE. leads to Mudlick Creek and Flat Gap Post Office; at center of S. side of triangle at rd. forks; 50 ft E. of rd. W. crossing creek; on N. side of E.-W. rd.; 10 ft W. of 15-in. sycamore tree; in top of large sandstone rock; 2 ft higher than rd.; standard tablet stamped "715 KY" (Not found, 1962)	715.010
Elma, 0.3 mi SE. of post office; 200 ft from mouth of Andy Lick Branch; on N. side of rd.; W. side of branch at bend in rd. to SW.; in top of large sandstone rock; standard tablet stamped "663 KY"	662.741
Elma, 2.3 mi W. of post office; 0.2 mi N. of intersection of Little Paint Creek and Open Fork of Paint Creek; 25 ft E. of rd. forks; in projection on S. face of large sandstone rock; standard tablet stamped "686 KY" (Destroyed, 1949)	686.085-
Win, at post office; 90 ft S. of rd. forks at head of Hargis Creek; on E. side of, and 11 ft higher than rd. S. leading to Pigeon Creek; in face of sandstone outcrop; standard tablet stamped "922 KY"	922.715

ISOLATED BENCH MARKS (Cont'd.)Feet

Oil Springs, 1.6 mi W. of, thence 0.7 mi NW; 280 ft SE. of rd. forks at top of gap between Gullett Branch and Litteral Fork; on N. side of, and 3 ft higher than rd., in top of large sandstone rock; standard tablet stamped "1179 KY"	1179.589
Oil Springs, 600 ft N. of rd. forks; 150 ft N. and 100 ft W. of bend in rd. to W.; 50 ft W. of W. end of barn belonging to F. M. Litteral; standing in mouth of drain on N. side of rd.; on W. side and 18 ft above drain from N., on E. side of low spur ridge from N.; in top of sandstone outcrop; standard tablet stamped "891 KY" (Tied by MGS, 1939) (Not found, 1953)	891.666
Oil Springs, 3.1 mi S. of; 300 ft S. of top of gap between Little Paint Creek and Greenrock Fork of Jenny Creek; on W. side of rd.; in top of large sandstone rock; standard tablet stamped "943 KY"	943.073
Martha, 2.0 mi SE. of post office, on Big or Upper Laurel Creek, 200 ft N. of Skaggs's Mill, 40 ft S. of rd. forks, 140 ft S. of ford of creek, at Johnson-Lawrence county line, on W. bank of creek, E. side of S. rd., in top of large sandstone rock; standard tablet stamped "692 KY" (Disturbed, 1953)	692.644
Winifred, 0.2 mi N. of, thence 2.0 mi W. from post office; at mouth of Beech Branch on Little or Lower Laurel Creek; 100 ft NW. of ford of creek; on E. side of and 5 ft higher than rd.; in top of large sandstone rock; standard tablet stamped "749 KY"	749.059
Winifred, 0.2 mi N. of post office; 170 ft N. of rd. E.; 120 ft S. of rd. W. leading up Shop Branch; 100 ft N. of schoolhouse; on W. side of rd.; in top of sandstone outcrop; standard tablet stamped "814 KY"	814.271
Davisville, 0.25 mi S. of former post office, rd. forks 0.25 mi W. of mouth of Rockhouse Fork on Hood Creek, 75 ft W. of center of rd. forks, on N. side of W. rd., in top of sandstone outcrop; standard tablet stamped "758 KY 1915"	757.753
Davisville, 3.9 mi S. of post office; 0.9 mi W. of Chandlerville Post Office; rd. forks at head of Rockhouse Fork of Hood Creek; 160 ft E. of rd. forks; on N. side of and 6 ft higher than rd. and creek; in top of projection of sandstone outcrop; standard tablet stamped "821 KY 1915" (Not found, 1953)	821.146
Staffordsville, 2.4 mi N. of post office; 250 ft S. of rd. forks, rd. NW. leads to Flat Gap, rd. NE. leads up Stableton or Big Laurel Branch to head of Larkin Brown Branch of Toms Creek; on E. side of rd., in face of sandstone cliff; standard tablet stamped "653 KY"	652.948
Kerz, 0.4 mi S. of post office; 0.2 mi S. of top of gap between Stonecoal Fork of James Strumbo Fork of Toms Creek and Puncheon Fork of Hood Creek; 120 ft N. of residence of John Le Masters standing on E. side of rd.; 150 ft S. of branch from W.; 85 ft N. of branch from E.; 5 ft N. thence 30 ft E. from NW. corner of barn; on E. side of rd.; E. bank of creek; in top of rock at water's edge; standard tablet stamped "898 KY"	898.333
Martha, 1.6 mi W. of post office; 360 ft W. of rd. forks; 75 ft W. of mouth of Keaton Fork; 170 ft W. of ford of Blaine Creek; on S. bank of Keaton Fork; at crossing of Lawrence-Morgan county line; in edge of bank 2 ft above water; in top of sandstone outcrop; standard tablet stamped "684 KY"	684.333

ISOLATED BENCH MARKS (Cont'd.)
Feet

Keaton, 1.6 mi S. of post office; 0.3 mi S. of Ferguson and Evans store; 0.25 mi S. of church; 675 ft S. of rd. forks; 175 ft S. of mouth of branch from E.; on E. side of, and 5 ft above creek; under 15-in. oak tree; in face of rock outcrop; standard tablet stamped "819 KY" 819.303

LINE 1.

By E. O. Miner, 1949; Book AV 100

Terryville, 90 ft SE. of post office; 3 ft W. of S. corner of lawn of Mr. Leo Skaggs; in concrete post; standard tablet stamped "97 EOM 1949 731" 730.891

Reference mark; 115 ft SE. of tablet; on SE. bank of creek; in base on NW. side of 24-in. pine tree; rail spike 731.79

U. E., Terryville, 1.5 mi SW. of post office; 120 ft SW. of I-rd. junction, 15 ft NW. of centerline of rd.; on top of 1- by 2- by 4- ft boulder; chiseled square 843.80

U. E., Terryville, 1.8 mi SW. of post office; at E. edge of rd.; on top of 1- by 1- by 6- ft exposure of sandstone; chiseled square 988.37

Terryville, 2.2 mi SW. of post office; 1.0 mi NW. thence 1.4 mi NE. from Relief Post Office; 280 ft S. of crossing of poor rd. and ridge top, which is Lawrence-Morgan county line; at E. edge of and 4 ft higher than rd.; in sandstone outcrop; standard tablet stamped "98 EOM 1949 1027" 1026.641

Reference mark; 280 ft N. of tablet; 20 ft NW. of rd.; in root on SW. side of 36-in. oak tree; spike 1059.52

[Jogs into Dingus quadrangle]

Relief, 185 ft W. of SW. corner of post office, across rd. from store of Charles Hill, 3 ft S. of SE. corner of Paint Valley Church, in concrete post; standard tablet stamped "99 EOM 1949 737" 737.119

Reference mark, 90 ft SE. of tablet; on E. end of S. headwall of concrete culvert; chiseled square 731.50

U.E., Relief, 0.5 mi S. of, 25 ft NW. of ford; in middle of creek, on rock outcrop; chiseled square 714.27

[Jogs into Dingus quadrangle]

Relief, 2.1 mi S. of post office; 2.4 mi N. of Ophir Post Office; 60 ft S. of and 9 ft higher than Y-junction with driveway E. to farmhouse; 20 ft E. of centerline of rd.; in 1- by 1- by 4- ft rock outcrop; standard tablet stamped "100 EOM 1949 745" (Not found, 1962) 745.165

Reference mark; 60 ft N. of tablet; 10 ft S. of stream; on W. edge of rock ledge; chiseled square 736.49

U.E., Ophir, 1.7 mi N. of post office; 75 ft SW. of ford of small stream; at SE. edge of rd.; on top of 100 ft rock ledge; chiseled square 740.05

LINE 1 (Cont'd.)Feet

U. E., Ophir, 1.5 mi N. of post office; 30 ft W. of, and 1 ft lower than I-rd. junction; on rock ledge; chiseled square	727.05
U. E., Ophir, 0.9 mi N. of post office; 60 ft W. of Y-junction with Sandlick Road; which runs NW. in the creek bed; on 10- by 20- by 20- ft sandstone outcrop; chiseled square	755.49
Ophir, 0.5 mi NW. of post office; 100 ft W. of cliff which is 100 ft in height; 35 ft W. of centerline of rd.; at E. edge of Open Fork of Paint Creek; in top of 10- by 20- by 30- ft boulder; standard tablet stamped "101 EOM 1949 680"	680.063
Reference mark; 110 ft N. of tablet, 10 ft W. of centerline of rd., on top of 4- by 7- by 10 ft boulder; chiseled square	684.65
U. E., Ophir, 120 ft SE. of post office, 55 ft S. of and 9 ft higher than I-rd. junction, 3 ft NW. of NW. corner of barn, on top of 10- by 20- by 20- ft boulder; chiseled square	686.81
U. E., Ophir, 0.9 mi S. of post office; 10 ft W. of and 5 ft higher than Y-junction with rd. SW. uphill; on 1- by 1- by 1 ft exposure of sandstone; chiseled square	702.24
U. E., Ophir, 1.5 mi S. of; 15 ft NE. of centerline of rd.; 2 ft W. of N. corner of log barn; on 1- by 5- by 9- ft boulder; chiseled square	705.28
U. E., Ophir, 2.0 mi S. of; 40 ft NW. of farmhouse; 50 ft NE. of ford; at NW. edge of and 2 ft higher than rd.; on 2- by 2- by 7- ft exposure of sandstone; chiseled square	719.21
U. E., Ophir, 2.8 mi S. of post office; 50 ft W. of SW. corner of small cleared field; 10 ft N. of and 4 ft higher than centerline of rd.; at base of 1 ft white-oak tree; on 1/2- by 1- by 1- ft rock; chiseled square	743.66
U. E., Ophir, 3.4 mi SW. of post office; at NE. corner of cultivated field; 50 ft NW. of ford; 8 ft NE. of stream; on NW. end of 3- by 8- by 2- ft exposure of sandstone; chiseled square	742.21
Win, 2.9 mi NW. of; at confluence of Mine Fork and Little Mine Fork; 25 ft NW. of, and 11 ft higher than centerline of rd. at junction of Y-rd.; in SW. side of boulder; standard tablet stamped "754 KY"	754.440

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

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37-082-44
PAINTSVILLE QUADRANGLE
138 KENTUCKY
N3745-W8245/15
DIAGRAM NJ 17-7
JENKINS

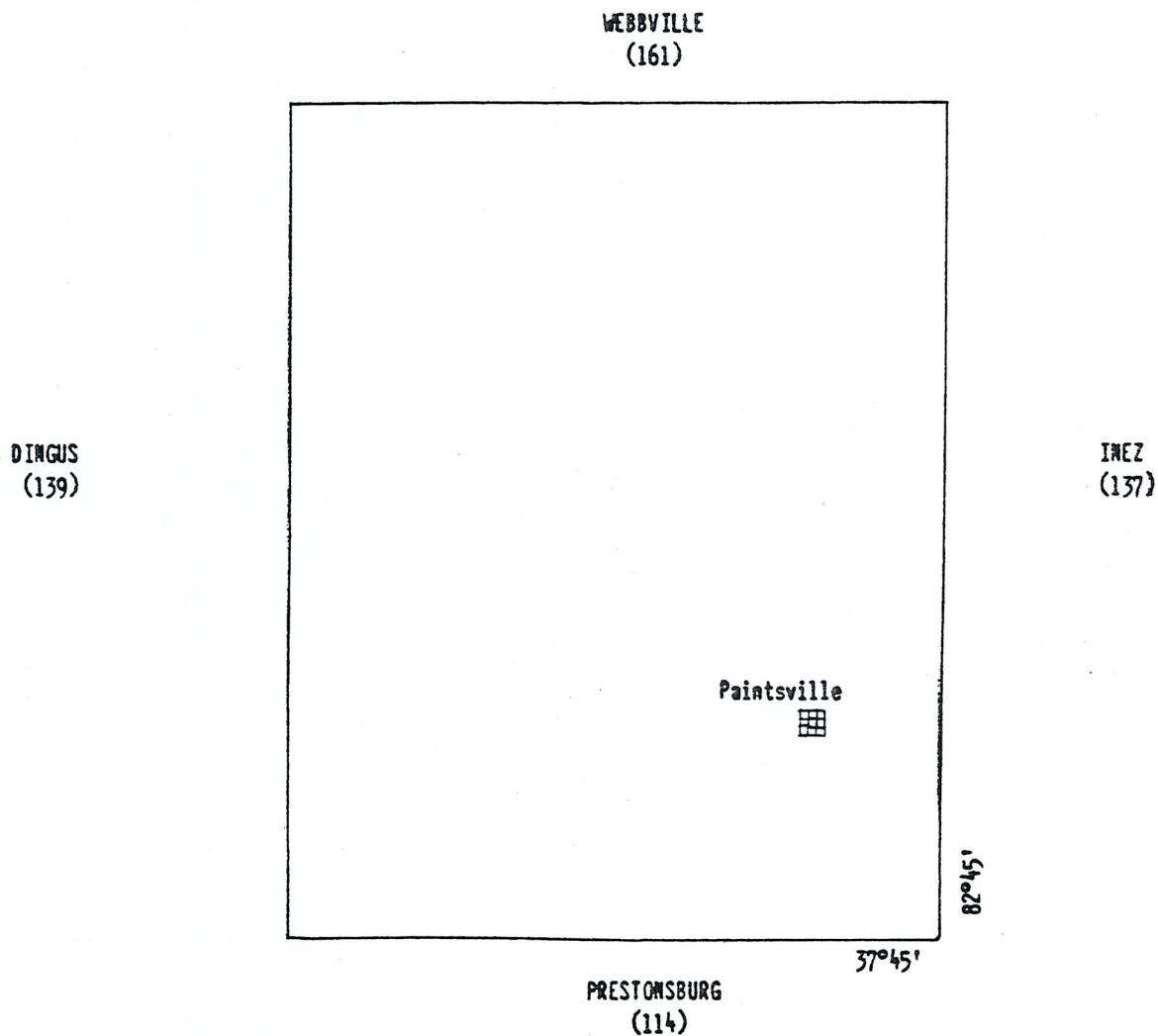
Floyd, Johnson, Lawrence, Magoffin, and
Morgan Counties

Edition of 1/25/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection
Kentucky, North and South Zones

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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138 KENTUCKY
PAINTSVILLE QUADRANGLE

37-082-44
#3745-W8245/15

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TT 14 TWC 1951	4
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By H. P. Finch, 1949; Book AH 136

Terryville; 90 ft SE. of post office; 3 ft W. of S. fence corner of lawn of Mr. Leo Skaggs; in concrete post; standard tablet stamped "97 EQM 1949 731"

Ky. S.) X = 2,796,053 Y = 613,833 37 59 14.22 82 59 15.64

Terryville, 2.2 mi SW. of post office, along dirt rd.; 1.0 mi NW. thence 1.4 mi NE. of Relief Post Office; 280 ft S. of crossing of dim rd. and ridge top of Morgan-Lawrence County line; at E. edge of, and 4 ft higher than centerline of rd.; in sandstone outcrop; standard tablet stamped "98 EQM 1949 1027"

X = 2,794,647 Y = 604,125 37 57 38.69 82 59 36.72

Relief; 185 ft W. of SW. corner of post office; across rd. from store of Charles Mill; 3 ft S. of SE. corner of Paint Valley Church; in concrete post; standard tablet stamped "99 EQM 1949 737"

X = 2,794,260 Y = 598,468 37 56 42.90 82 59 43.61

Relief, 2.1 mi S. of post office; 2.4 mi W. of Ophir Post Office; 60 ft S. of and 9 ft higher than Y-junction with driveway E. to farmhouse; 20 ft E. of centerline of rd.; in 1- by 1- by 4- ft rock outcrop; standard tablet stamped "100 EQM 1949 745" (Not found, 1962)

X = 2,795,632 Y = 590,957 37 55 28.28 82 59 29.23

Ophir, 0.5 mi NW. of post office; 100 ft W. of cliff which is 100 ft in height; 35 ft W. of centerline of rd.; at E. edge of Open Fork of Paint Creek; in top of 10- by 20- by 30- ft boulder; standard tablet stamped "101 EQM 1949 680"

X = 2,795,299 Y = 582,807 37 54 07.84 82 59 36.35

Win, 2.9 mi NW. of; at confluence of Mine Fork and Little Mine Fork; 25 ft NW. of, and 11 ft higher than centerline of rd. at junction of Y-rd.; in SW. side of boulder; standard tablet stamped "754 KY"

X = 2,796,832 Y = 571,368 37 52 14.36 82 59 21.41

Mashfork, 0.8 mi NE. of, along dirt rd.; 57 ft SW. of white house; 48 ft S. and 13 ft E. of centerline of rd. at concrete walkway to house; 15 ft E. of centerline of rd.; in concrete post; standard tablet stamped "771 20 HF 1949"

X = 2,794,862 Y = 534,976 37 46 15.29 82 59 59.18

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

By T. W. Cayce, 1951; Book AH 270

Lowmansville, 2.9 mi S. of post office, along U.S. Highway 23; at top of hill known as Sycamore Gap; 33 ft NW. of centerline of hwy.; 40 ft N. and 23 ft E. of NE. corner of house with red brick siding; 7 ft W. of mailbox; in concrete post; standard tablet stamped "TI 9 TWC 1951 855.730" (Reported destroyed, 1971)

Ky. S.) X = 2,859,328 Y = 585,869 37 54 18.89 82 46 16.72

Mippa, 285 ft S. of SE. corner of Toms Creek Baptist Church; 15 ft NW. and 28 ft E. of centerline of U.S. Highway 23 at junction of graveled rd. NE.; 3 ft S. of stop sign; in concrete post; standard tablet stamped "TI 10 TWC 1951 628.391"

X = 2,854,649 Y = 571,192 37 51 55.31 82 47 20.81

Mippa, 2.8 mi SW. of, along U.S. Highway 23; 73 ft N. of junction of State Highway 201; 4 ft W. of steel guardrail; in concrete post; standard tablet stamped "TI 11 TWC 1951" (Reported destroyed, 1971)

X = 2,844,774 Y = 565,594 37 51 03.04 82 49 26.05

Mingo, 1.4 mi W. of; 1.7 mi N. of Ihealka; 27 ft N. and 40 ft W. of centerline of rd. at junction of Whippoorwill Hill Road; 0.2 mi NE. of large coal mine; in concrete post; standard tablet stamped "TI 12 TWC 1951" (Not found, 1962)

X = 2,855,162 Y = 563,598 37 50 40.12 82 47 17.37

Paintsville, 0.5 mi NE. of station, along Chesapeake and Ohio Railway; 0.4 mi SW. of Ihealka; 13 ft SE. of centerline of southernmost one of two main tracks; 7 ft N. and 17 ft W. of centerline of switch track crossing to coal tipple; 4 ft S. of telephone pole; in concrete post; standard tablet stamped "TI 13 TWC 1951"

X = 2,854,275 Y = 553,675 37 49 02.34 82 47 32.30

Paintsville, 1.2 mi S. of C. & O. Ry. station, along U. S. Highway 23-460; 29 ft E. of centerline of hwy.; 25 ft S. and 30 ft E. of private drive E.; 3 ft S. of telephone pole; at roadside pulloff; in concrete post; standard tablet stamped "TI 14 TWC 1951" (Not found, 1962)

X = 2,853,486 Y = 545,224 37 47 39.07 82 47 45.42

Paintsville, 3.3 mi S. of C. & O. Ry. station, along U. S. Highway 23-460; 75 ft S. of junction of Jenny Creek Road; 14 ft SW. of centerline of hwy.; 2 ft N. of NE. corner post of fence around private cemetery; in concrete post; standard tablet stamped "TI 15 TWC 1951"

X = 2,851,404 Y = 535,913 37 46 07.70 82 48 14.96